

IN THE CLAIMS:

The following is a complete listing of the claims, and replaces all earlier version and listings.

1. (currently amended) A data communication apparatus comprising:

a memory for storing plural data;

transmission means for transmitting the plural data stored in said memory;

display means for displaying situations of the plural data stored in said memory; and

control means for performing, in a case of displaying the situations on said display means, control to change order of display of the data being transmitted by said transmission means,

wherein said display means displays the situations of the data not being transmitted by said transmission means, in order of storing these data in said memory.

2. (canceled)

3. (original) An apparatus according to Claim 1, wherein said control means performs control to shift upward the data being transmitted by said transmission means and cause said display means to display the shifted data.

4. (original) An apparatus according to Claim 1, wherein said control means performs control to shift downward the data being transmitted by said transmission means and cause said display means to display the shifted data.

5. (original) An apparatus according to Claim 1, wherein said display means displays the situations incapable of being displayed at one time, by scrolling a screen.

6. (original) An apparatus according to Claim 5, wherein said control means automatically scrolls the screen such that the data being transmitted by said transmission means are displayed in a display area of said display means.

7. (original) An apparatus according to Claim 1, wherein
said transmission means simultaneously transmits the plural data through plural lines, and
said control means changes, in the situations of the plural data being transmitted by said transmission means, the order of display while enabling discrimination of the used lines respectively.

8. (previously presented) An apparatus according to Claim 1, wherein
said transmission means can perform batch transmission of the plural different data, and

said control means causes the data being transmitted by said transmission means to be discriminated from the other data subjected to the batch transmission, and to be displayed.

9. (previously presented) An apparatus according to Claim 1, wherein said transmission means can transmit the data by plural protocols, and said control means causes the situations to be displayed such that it is possible to discriminate by which protocol the data is transmitted with said transmission means.

10. (previously presented) An apparatus according to Claim 9, wherein said control means causes to display the situations in a state that the plural protocols exist mixedly.

11. (previously presented) An apparatus according to Claim 9, further comprising designation means for designating a desired protocol, and wherein said control means causes the situation of the protocol designated by said designation means to be displayed.

12. (previously presented) An apparatus according to Claim 9, wherein said control means causes the situation of the protocol of the data being transmitted by said transmission means to be displayed preferentially.

13. (previously presented) An apparatus according to Claim 9, further comprising setting means for setting the protocol to be preferentially displayed, and wherein said control means causes the situation of the protocol set by said setting means to be displayed preferentially.

14. (currently amended) A data communication method comprising:
a display step of causing a display apparatus to display situations of plural data stored in a memory, so as to cause a data communication apparatus to transmit these data;
a judgment step of judging whether or not, in the plural data stored in the memory, any data is being transmitted by the data communication apparatus; and
a change step of changing order of display of the data judged in said judgment step as being transmitted by the data communication apparatus,
wherein said display step includes displaying the situations of the data not being transmitted by the data communication apparatus, in order of storing these data in the memory.

15. (canceled)

16. (previously presented) A method according to Claim 14, wherein said change step includes performing control to shift upward the data being transmitted by the data communication apparatus and causing display of the shifted data.

17. (previously presented) A method according to Claim 14, wherein said change step includes performing control to shift downward the data being transmitted by the data communication apparatus and causing display of the shifted data.

18. (previously presented) A method according to Claim 14, wherein said display step includes displaying the situations incapable of being displayed at one time, by scrolling a screen.

19. (previously presented) A method according to Claim 18, wherein said change step includes automatically scrolling the screen such that the data being transmitted by the data communication apparatus are displayed in a display area of the display apparatus.

20. (previously presented) A method according to Claim 14, wherein the data communication apparatus simultaneously transmits the plural data through plural lines, and

said change step includes changing, in the situations of the plural data being transmitted by the data communication apparatus, the order of display while enabling discrimination of the used lines respectively.

21. (previously presented) A method according to Claim 14, wherein the data communication apparatus can perform batch transmission of the plural different data, and

said change step includes causing the data being transmitted by the data communication apparatus to be discriminated from the other data subjected to the batch transmission, and to be displayed.

22. (previously presented) A method according to Claim 14, wherein the data communication apparatus can transmit the data by plural protocols, and

said change step includes causing the situations to be displayed such that it is possible to discriminate by which protocol the data is transmitted with the data communication apparatus.

23. (previously presented) A method according to Claim 22, wherein said change step includes causing the situations to be displayed in a state that the plural protocols exist mixedly.

24. (previously presented) A method according to Claim 22, further comprising a designation step of designating a desired protocol, and wherein said change step includes causing the situation of the protocol designated in said designation step to be displayed.

25. (previously presented) A method according to Claim 22, wherein said change step includes causing the situation of the protocol of the data being transmitted by the data communication apparatus to be displayed preferentially.

26. (previously presented) A method according to Claim 22, further comprising a setting step of setting the protocol to be preferentially displayed, and wherein said change step includes causing the situation of the protocol set in said setting step to be displayed preferentially.

27. (currently amended) A program which is stored in a computer-readable memory and can be executed by a computer, the program having code for performing a method comprising :

a display step of causing a display apparatus to display situations of plural data stored in a memory, so as to cause a data communication apparatus to transmit these data;

a judgment step of judging whether or not, in the plural data stored in the memory, any data are being transmitted by the data communication apparatus; and

a change step of changing order of display of the data judged in said judgment step as being transmitted by the data communication apparatus,

wherein said display step includes displaying the situations of the data not being transmitted by the data communication apparatus, in order of storing these data in the memory.